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Transportation Project Detail Summary

SIX-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY

Project Title	FY 2004	FY 2005	FY 2006	FY 2007
TRANSPORTATION				
Atherholt Road Extension	725,000	75,000	0	C
Source of Funding:				
G. 6	D. Bond 725,000	75,000	0	C
Cross-town Connector - Phase I	45,000	55,000	225,000	425,000
Source of Funding:				
G. C	D. Bond 45,000	55,000	225,000	425,000
Cross-town Connector - Phase II	25,000	20,000	55,000	20,000
Source of Funding:				
G. C	D. Bond 25,000	20,000	55,000	20,000
Dearing Neighborhood Street Improvements		0	0	0
Source of Funding:	-			
Pay-As-	You-Go	0	0	0
Federal Courthouse Infrastructure Improvements	375,000	0	0	0
Source of Funding:		_		_
G. C	D. Bond 375,000)	0	0
Florida Ave. Bridge over Fishing Creek		0	0	0
Source of Funding:				
G. 6	O. Bond	0	0	0
General Street Improvements	400,000	750,000	750,000	625,000
Source of Funding:				
G. 6	D. Bond 400,000	750,000	750,000	625,000
Grace Street/Expressway Wall Repairs		0	0	0
Source of Funding:				
G. 6	O. Bond	0	0	0
Greater Lynchburg Transit Company	457,385	5 533,684	284,400	2,135,813
Source of Funding:				
Pay-As-			36,972	277,656
	<i>0ther</i> 397,925	5 464,305	247,428	1,858,157



FY 2008	FY 2009	SIX -YEAR ESTIMATED NET COST	EXPENDITURES THROUGH 06/30/02	FY 2003 APPROPRIATION	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
F1 2000	F1 2007					
0	0	800,000	0	0	0	\$800,000
0	0					
0	0	750,000	Continuing	60,000	0	\$810,000
0	0					
445,000	275,000	840,000	113,000	0	0	\$953,000
445,000	275,000					
0	295,000	295,000	0	0	0	\$295,000
0	295,000					
0	0	375,000	0	0	0	\$375,000
0	0					
0	240,000	240,000	0	0	2,310,000	\$2,550,000
0	240,000					
625,000	750,000	3,900,000	Continuing	1,208,610	Continuing	\$5,108,610
625,000	750,000					
100,000	871,000	971,000	0	0	0	\$971,000
100,000	871,000					
3,546,567	247,899	7,205,748	179,538	25,892	0	\$7,411,178
461,054 3,085,513	32,227 215,672					



Transportation Project Detail Summary - Continued

SIX-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY

Project Title	FY 2004	FY 2005	FY 2006	FY 2007
Greenview Dr/Lighthouse Dr left turn Lane	0	0	0	0
Source of Funding:		0	0	
Pay-As-You-Go	0	0	0	0
Irvington Springs Road	0	0	0	0
Source of Funding:				
G. O. Bond	0	0	0	0
Langhorne and Murrell/Memorial	30,000	0	0	0
Source of Funding:	30,000	Ü	Ü	V
Pay-As-You-Go	30,000	0	0	C
Major Bridge Repairs	1.560.000	1 240 000	1 410 000	1.510.000
Source of Funding:	1,560,000	1,340,000	1,410,000	1,510,000
G. O. Bond	1,560,000	1,340,000	1,410,000	1,510,000
Old Graves Mill Road Relocation Source of Funding:	95,000	0	0	0
Source of Funding: Pay-As-You-Go	95,000	0	0	0
1 47 1 20 1 00	73,000	· ·	· ·	O
Old Graves Mill Road - Stage III	40,000	400,200	0	0
Source of Funding:		400.200	0	
G. O. Bond Pay-As-You-Go	0 40,000	400,200 0	0	C
1 uy-A5-10u-00	40,000	Ü	Ü	O
D. 4. in in Wall D I	0	0	0	0
Retaining Wall Replacement / Repair Program - General Program Source of Funding:	0	0	0	0
G. O. Bond	0	0	0	0
Retaining Wall Replacement - Utilities Parking Lot	0	0	0	0
Source of Funding: Pay-As-You-Go	0	0	0	0
1 uy-115-10u-00	Ü	U	U	U
Rivermont Avenue Bridge Repairs	0	0	150,000	1,570,000
Source of Funding:		-	150.000	1 550 000
G. O. Bond	0	0	150,000	1,570,000
Street Overlay Program	1,010,000	1,050,400	1,090,800	1,131,200
Source of Funding:				
Other: Highway Maintenance Funds	1,010,000	1,050,400	1,090,800	1,131,200
Traffic Signal Replacement	145,000	150,000	155,000	165,000
Source of Funding:	143,000	130,000	155,000	105,000
Pay-As-You-Go	145,000	150,000	155,000	165,000
Total Estimates Submitted 04-09 CIP	\$4,907,385	\$4,374,284	\$4,120,200	\$7,582,013
Source of Funding:	φ 1 ,201,303	Ф4,374,404	φ 4 ,140,400	φ1,362,013
G. O. Bond	\$3,130,000	\$2,640,200	\$2,590,000	\$4,150,000
Pay-As-You-Go	\$369,460	\$219,379	\$191,972	\$442,656
Other	\$1,407,925	\$1,514,705	\$1,338,228	\$2,989,357



		SIX -YEAR ESTIMATED NET COST	EXPENDITURES THROUGH 06/30/02	FY 2003 APPROPRIATION	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
FY 2008	FY 2009					
0	115,000	115,000	0	0	0	\$115,000
0	115,000					
0	505,000	505,000	0	0	0	\$505,000
0	505,000					
0	0	30,000	118,000	0	0	\$148,000
0	0					
1,630,000	1,755,000	9,205,000	Continuing	1,018,342	Continuing	\$10,223,342
1,630,000	1,755,000					
0	0	95,000	0	769,755	0	\$864,755
0	0					
0	0	440,200	0	0	0	\$440,200
0	0					
0	0					
0	200,000	200,000	0	0	Continuing	\$200,000
0	200,000					
0	255,000	255,000	0	0	0	\$255,000
0	255,000					
2,150,000	0	3,870,000	0	0	0	\$3,870,000
2,150,000	0					
1,171,600	1,212,000	6,666,000	Continuing	0	Continuing	\$6,666,000
1,171,600	1,212,000					
170,000	175,000	960,000	N/A	0	Continuing	\$960,000
170,000	175,000					
\$9,838,167	\$6,895,899	\$37,717,948	\$410,538	\$3,082,599	\$2,310,000	\$43,521,085
\$4,950,000 \$631,054 \$4,257,113	\$4,596,000 \$872,227 \$1,427,672	\$22,056,200 \$2,726,748 \$12,935,000				



Project Title: Atherholt Road Extension

Project Manager(s): Lee Newland

Description:

Extend Atherholt between Lakeside Drive and Langhorne Road via a new alignment. This extension will tie into Cross-town Connector improvements and is subject to sufficient private development interests and funding.

Timetable:

FY 2004 Q3 through FY 2005 Q1: Engineering FY 2005 Q2 through FY 2006 Q2: Construction

Location:

Atherholt Road extension to intersection of Lakeside Drive and Alleghany Avenue.

Status of Project Site:

Not yet acquired; to be provided by developers at no charge. Developers agreed to donate Right-of-Way in their rezoning application.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Lane mileage will be increased, subsequently increasing State Maintenance reimbursement.

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
11 2001 2005 110gram 1 citou 1 anameg.	<u>Prior:</u>	Beyond:	Project Cost:
	0	0	\$800,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Engineering	25,000						\$25,000
Construction	700,000	75,000					\$775,000
Totals	\$725,000	\$75,000					\$800,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total
							Funding
G. O. Bond	725,000	\$75,000					\$800,000
Pay-As-You-Go							
Other							
Totals	\$725,000	\$75,000					\$800,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Cross-town Connector – Phase I

Project Manager(s): Gerry Harter

Description:

Upgrading to four lanes a total of 2.1 miles from US 29 (Lynchburg Expressway) to Old Forest Road.

Timetable:

FY 2004 Q1: Design Phase

FY 2004 Q2 through FY 2006 Q2: Right-of-Way Phase I FY 2006 Q4 throng FY 2009 Q2: Construction Phase I

Location:

Kemper St., Park Avenue and Lakeside Drive from US 29 (Kemper St. Interchange) to Old Forest Road (College Drive).

Status of Project Site:

All Right-of-Way not yet acquired.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Lane mileage will be increased, subsequently increasing State Highway Maintenance reimbursement.

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
F 1 2004-2009 Frogram Ferioa Funaing:	<u>Prior:</u>	Beyond:	Project Cost:
	\$60,000	0	\$810,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Design	20,000						\$20,000
Right-of-Way Acquisition	25,000	55,000					\$80,000
Construction			225,000	425,000			\$650,000
Totals	\$45,000	\$55,000	\$225,000	\$425,000			\$750,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond	45,000	55,000	225,000	425,000			\$750,000
Pay-As-You-Go							
Other							
Totals	\$45,000	\$55,000	\$225,000	\$425,000			\$750,000

Sources of Program Funding FY 2004-2009

Local: 5% \$810,000

State/Federal: 95% \$18,969,000 Urban Allocation from Virginia Department of Transportation



Project Title: Cross-town Connector – Phase II

Project Manager(s): Gerry Harter

Description:

Upgrading to four lanes a total of 2.4 miles from Old Forest Road to US 501.

Timetable:

FY 2004 Q1 through FY 2005 Q1: Design

FY 2005 Q2 through FY 2007 Q3: Right-of-Way Phase 2

FY 2007 Q4 through FY 2009 Q4: Construction

Location:

Lakeside Drive from Old Forest Road to US 501.

Status of Project Site:

All Right-of-Way not yet acquired.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Lane mileage will be increased, subsequently increasing State Highway Maintenance reimbursement.

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
TI 2004-2009 I Togram I ertoa Funaing.	<u>Prior:</u>	Beyond:	Project Cost:
	\$113,000	0	\$953,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Design	25,000	20,000					\$45,000
Right-of-Way			55,000	20,000			\$75,000
Construction					445,000	275,000	\$720,000
Totals	\$25,000	\$20,000	\$55,000	\$20,000	\$445,000	\$275,000	\$840,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond	\$25,000	\$20,000	\$55,000	\$20,000	\$445,000	\$275,000	\$840,000
Pay-As-You-Go							
Other							
Totals	\$25,000	\$20,000	\$55,000	\$20,000	\$445,000	\$275,000	\$840,000

Sources of Program Funding FY 2004-2009

Local: 5% \$840,000

State/Federal: 95% \$17,580,000 Urban Allocation from Virginia Department of Transportation



Project Title: Dearing Neighborhood Street Improvements

Project Manager(s): Lee Newland

Description:

Over time, the street paving has filled the curbing so there is no longer curbs to control street drainage from running into Citizen's property or to deter parking on sidewalks. This project will restore the curb line.

Timetable:

FY 2009 Q1 & 2: City Engineering

FY 2009 Q3: Construction and Contingency

Location:

Charlotte Street, Early Street, Dearing Street and Amherst Street.

Status of Project Site:

City Right-of-Way

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

None anticipated.

FY 2004-2009 Program Period Funding:	Funding Outside of	Program Period	Total Accumulated
F1 2004-2009 Frogram Ferioa Funaing:	<u>Prior:</u>	Beyond:	Project Cost:
	0	0	\$295,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering						25,000	\$25,000
Construction						250,000	\$250,000
Contingency						20,000	\$20,000
Totals						\$295,000	\$295,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond							
Pay-As-You-Go						295,000	\$295,000
Other							
Totals						\$295,000	\$295,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Federal Courthouse Infrastructure Improvements

Project Manager(s): Lee Newland

Description:

To provide desired and necessary improvements to the City's roadways, sidewalks and utilities in the City block surrounding the proposed Courthouse site. The project will include the replacement of approximate 2000 linear feet of curb and gutter, 700 square yards of concrete sidewalk and the construction of approximately 1100 linear feet of new storm drain.

Timetable:

FY 2004 Q1-2: City Engineering FY 2004 Q2-3: Construction

FY 2004 Q 3: Contract Administration

Location:

Court Street, 12th Street, Clay Street and 11th St.

Status of Project Site:

City Owned

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

None anticipated

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Construction	310,000						\$310,000
City Engineering	15,000						\$15,000
Contract Administration	50,000						\$50,000
Totals	\$375,000						\$375,000

Sources of Funding/Cash Needs

Sources of 1 whatter cash i recas								
Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total	
							Funding	
G. O. Bond	375,000						\$375,000	
Pay-As-You-Go								
Other								
Totals	\$375,000						\$375,000	

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Florida Avenue Bridge Over Fishing Creek

Project Manager(s): Tom Wilson

Description:

Replacement of substandard and deteriorated bridge structure over Fishing Creek, while taking into consideration the low clearance restriction of the Norfolk &Southern railroad trestle.

Timetable:

FY 2009 Q2-4: Architect/Engineering Services FY 2009 Q1-4: Engineering Service Charges

Location:

Florida Avenue Bridge spanning Fishing Creek and under Norfolk & Southern railroad trestle.

Status of Project Site:

City owned, although some property will have to be acquired to construct this structure

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Project will reduce maintenance expenses.

FY 2004-2009 Program Period Funding:	Funding Outside	of Program Period	Total Accumulated	
11 2001 2005 11 ogram 1 criou 1 unumg.	Prior:	Beyond:	Project Cost:	
	0	\$2,310,000	\$2,550,000	

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Engineering Services						210,000	\$210,000
Engineering Charges						30,000	\$30,000
Totals						\$240,000	\$240,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total
							Funding
G. O. Bond						240,000	\$240,000
Pay-As-You-Go							
Other							
Totals						\$240,000	\$240,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: General Street Improvements

Project Manager(s): Lee Newland

Description:

Curb, gutter and sidewalk petitions, annual contractual improvements, subdivisions and storm sewer improvements, street improvements and signalization.

Timetable:

FY 2004 through FY 2009 Q1,2 & 4: Construction, City Engineering and Contingency

Location:

Various within Corporate limits

Status of Project Site:

City Owned

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Possible increase in lane mileage, subsequently increasing maintenance costs and State Highway Maintenance reimbursement. Possible increase in curb and gutter, number of signals, and square yards of sidewalk, subsequently increasing maintenance costs.

EV 2004 2000 D	Funding Outside of	Program Period	Total Accumulated
FY 2004-2009 Program Period Funding:	Prior:	Beyond:	Project Cost:
	Continuing	Continuing	Continuing

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Construction	345,500	622,500	653,100	547,500	547,500	653,100	\$3,369,200
City Engineering	18,100	47,500	34,400	27,500	27,500	34,400	189,400
Contingency	36,400	80,000	62,500	50,000	50,000	62,500	\$341,400
							_
Totals	\$400,000	\$750,000	\$750,000	\$625,000	\$625,000	\$750,000	\$3,900,000

Sources of Funding/Cash Needs

Sources of Lunaing, cash freeds								
Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total	
							Funding	
G. O. Bond	400,000	750,000	750,000	625,000	625,000	750,000	\$3,900,000	
Pay-As-You-Go								
Other								
Totals	\$400,000	\$750,000	\$750,000	\$625,000	\$625,000	\$750,000	\$3,900,000	

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Grace Street / Expressway Wall Repairs

Project Manager(s): Tom Wilson

Description:

The retaining wall on the Lynchburg Expressway at Grace Street has bulged due to an earth slippage behind it. The existing wall needs to be replaced and the slippage repaired.

Timetable:

FY 2008 Q1 through FY 2009 Q4: Engineering Service Charges FY 2008 Q2 through FY 2009 Q4: Architect/Engineering Services

FY 2009 Q2-4: Construction - Bridges/Culverts

Location:

Lynchburg Expressway, Route 29 SB at Grace Street

Status of Project Site:

City Owned. This wall is not an immediate hazard, but replacement needs to be addressed before it becomes a problem.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Reduce maintenance expenses.

FY 2004-2009 Program Period Funding:	Funding Outside of	Program Period	Total Accumulated
r 1 2004-2009 Frogram Fertoa Funaing:	Prior:	Beyond:	Project Cost:
	\$0	0	\$971,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Engineering Charges					5,000	10,000	\$15,000
Architect Services					95,000	30,000	\$125,000
Construction						831,000	\$831,000
Totals					\$100,000	\$871,000	\$971,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond					100,000	871,000	\$971,000
Pay-As-You-Go							
Other							
Totals					\$100,000	\$871,000	\$971,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Greater Lynchburg Transit Company

Project Manager(s): Michael J. Carroll

Description:

Replace 14 transit buses, 4 minibuses, 5 support vehicles and acquire new bus-related equipment.

Timetable:

Annual equipment acquisition.

Location:

1301 Kemper Street

Status of Project Site:

City Owned

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Failure to fund timely replacements will increase operating costs, degrade service and forfeit Federal and State funds.

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Equipment Acquisition	457,385	533,684	284,400	2,135,813	3,546,567	247,899	\$7,205,748
m 1	* 455 305	Φ. Ε. 2.2. (Ω. 4	\$204.400	00.105.010	42 - 44 - 45	↑↑↑↑	φ= 40 = 40
Totals	\$457,385	\$533,684	\$284,400	\$2,135,813	\$3,546,567	\$247,899	\$7,205,748

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond							
Pay-As-You-Go	59,460	69,379	36,972	277,656	461,054	32,227	936,748
Other	397,925	464,305	247,428	1,858,157	3,085,513	215,672	6,269,000
Totals	\$457,385	\$533,684	\$284,400	\$2,135,813	\$3,546,567	\$247,899	\$7,205,748

Sources of Program Funding FY 2004-2009

Local: 13% State/Federal: 87%



Project Title: Greenview Drive / Lighthouse Drive Turn Lane

Project Manager(s): Gerry Harter

Description:

Development on Lighthouse Drive continues to add to traffic congestion. This project will add left-turn and right-turn lane to increase safety and traffic flow at this intersection on Greenview Drive.

Timetable:

FY 2009 Q1-2: City Engineering FY 2009 Q3-4: Construction

Location:

On Greenview Drive at Lighthouse Drive.

Status of Project Site:

Right-of-Way is available.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

None anticipated.

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
F 1 2004-2009 Frogram Feriou Funding:	<u>Prior:</u>	Beyond:	Project Cost:
	0	0	\$115,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period
Engineering						25,000	Estimate \$25,000
Engineering						25,000	\$25,000
Construction						90,000	\$90,000
Totals						\$115,000	\$115,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond							
Pay-As-You-Go						115,000	\$115,000
Other							
Totals						\$115,000	\$115,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Irvington Springs Road Improvements

Project Manager(s): Lee Newland

Description:

Improve Irvington Springs Road with upgrades to alignment and width to improve safety for increasing number of homes and development. Submitted per direction of Physical Development Committee.

Timetable:

FY 2009 Q1-2: City Engineering FY 2009 Q3-4: Construction FY 2009 Q4: Contingency

Location:

Irvington Springs Road from Boonsboro Road to Beacon Hill Subdivision.

Status of Project Site:

City Owned.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Increased in lane mileage and maintenance.

FY 2004-2009 Program Period Funding:	Funding Outside of	Program Period	Total Accumulated
T 1 2004-2009 1 rogram 1 eriou T unuing.	<u>Prior:</u>	Beyond:	Project Cost:
	0	0	\$505,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering						41,600	\$41,600
Construction						417,400	\$417,400
Contingency						46,000	\$46,000
Totals						\$505,000	\$505,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond						\$505,000	\$505,000
Pay-As-You-Go							
Other							
Totals						\$505,000	\$505,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Langhorne and Murrell / Memorial Signalization

Project Manager(s): Gerry Harter

Description:

Adding mast arms, poles and signal heads to two intersections (Langhorne and Memorial, Langhorne and Murrell) as part of safety improvement.

Timetable:

FY 2004 Q2-3: City Engineering

FY 2004 Q4 through FY 2005 Q3: Construction

Location:

Langhorne and Memorial, Langhorne and Murrell.

Status of Project Site:

Right-of-Way is available.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

None anticipated.

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
F 1 2004-2009 Frogram Feriou Funding:	<u>Prior:</u>	Beyond:	<u>Project Cost</u> :
	\$118,000	0	\$148,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program
							Period
							Estimate
City Engineering	15,000						\$15,000
Construction	15,000						\$15,000
Totals	\$30,000						\$30,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond							
Pay-As-You-Go	30,000						\$30,000
Other							
Totals	\$30,000						\$30,000

Sources of Program Funding FY 2004-2009

Local: 2% \$30,000

State/Federal: 98% \$242,000 Virginia Department of Transportation/Federal HES



Project Title: Major Bridge Repairs

Project Manager(s): Tom Wilson

Description:

Continuing program for inspecting, maintaining and replacing sixty-one bridge structures within the City limits. Each structure is inspected either every year or every other year, according to the Federal Highway Administration and calculated sufficiency ratings.

Timetable:

FY 2003: Cranehill Drive Consultant Design and Campbell Avenue Construction

FY 2004: Campbell Avenue Consultant Inspection, Bedford Avenue Consultant Design and Cranehill Drive Construction

FY 2005: 12th Street Consultant Design, Bedford Avenue Construction/City Engineering/Materials Testing

FY 2006: Link Road Consultant Design, 12th Street Construction/City Engineering/Materials Testing

FY 2007: Link Road Construction/City Engineering/Materials Testing and Wards Road Consultant Design

FY 2008: Wards Road Construction/City Engineering/Materials Testing and Kemper Street Consultant Design

FY 2009: Kemper Street Construction/City Engineering/Materials Testing and Coffee Road Consultant Design

Location:

Bridges at the following location:

12th Street over railroad tracks

Campbell Avenue over Fishing Creek

Bedford Avenue over railroad tracks

Cranehill Drive over Ivy Creek

Coffee over streams

Kemper Street over Expressway

Wards Road over railroad

Status of Project Site:

City Owned

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Projects will reduce maintenance expenses

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
	<u>Prior:</u>	Beyond:	Project Cost:
	Continuing	Continuing	Continuing

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Engineering Charges	25,000	25,000	30,000	30,000	35,000	40,000	\$185,000
Architect/Engineering	140,000	140,000	150,000	150,000	160,000	180,000	\$920,000
Construction	1,395,000	1,175,000	1,230,000	1,330,000	1,435,000	1,535,000	\$8,100,000
Totals	\$1,560,000	\$1,340,000	\$1,410,000	\$1,510,000	\$1,630,000	\$1,755,000	\$9,205,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total
							Funding
G. O. Bond	1,560,000	1,340,000	1,410,000	1,510,000	1,630,000	1,755,000	\$9,205,000
Pay-As-You-Go							
Other							
Totals	\$1,560,000	\$1,340,000	\$1,410,000	\$1,510,000	\$1,630,000	\$1,755,000	\$9,205,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Old Graves Mill Road Relocation

Project Manager(s): Gerry Harter

Description:

Relocate/realign Old Graves Mill Road to intersect with Graves Mill to better facilitate flow thus increasing safety and efficiency.

Timetable:

FY 2004 Q1-3: Consultant and Engineering FY 2004 Q4 through FY 2006 Q1: Construction

Location:

Graves Mill Road and Old Graves Mill Road

Status of Project Site:

Not yet acquired.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Lane mileage will be increased, subsequently increasing State Maintenance reimbursement.

FY 2004-2009 Program Period Funding:

| Funding Outside of Program Period | Total Accumulated | Prior: | Beyond: | Project Cost: | \$769,755 | 0 | \$864,755 |

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Consultant	95,000						\$95,000
Totals	\$95,000						\$95,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total
							Funding
G. O. Bond							
Pay-As-You-Go	95,000						\$95,000
Other							
Totals	\$95,000	_					\$95,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Old Graves Mill Road – Stage III

Project Manager(s): Lee Newland

Description:

Improvement of existing roadway alignment and the condition of the roadway to improve safety. This project includes straightening the horizontal and vertical curvature of Old Graves Mill Road to optimize sight distance for Fire Station #8 and the new development.

Timetable:

FY 2004 Q3-4: City Engineering

FY 2005 Q1 through FY 2006 Q2: Construction

Location:

Old Graves Mill Road in front of Fire Station *.

Status of Project Site:

City Owned.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

None anticipated.

EV 2004 2000 B	gram Period Funding: Funding Outside of Program Period Prior: 0 Beyond: 0	Total Accumulated	
FY 2004-2009 Program Period Funding:	Prior:	Beyond:	Project Cost:
	0	0	\$440,200

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering	40,000						\$40,000
Construction		400,200					\$400,200
Totals	\$40,000	\$400,200					\$440,200

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total
							Funding
G. O. Bond		400,200					\$400,200
Pay-As-You-Go	40,000						\$40,000
Other							
Totals	\$40,000	\$400,200					\$440,200

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Retaining Wall Replacement / Repair – General Program

Project Manager(s): Dwayne Lewis

Description:

Existing retaining walls located throughout the City will require replacement or repair as an Continuing program.

Timetable:

FY 2009

Location:

Rivermont Park (Riverside Overlook) stone wall Biggers Play lot (5th and Clay Streets) stone wall Main Street Lower Basin Exit from Expressway concrete crib wall Main Street Downtown Exit from Expressway concrete crib wall

Status of Project Site:

City Owned

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

None anticipated.

FY 2004-2009 Program Period Funding:	Funding Outside	Total Accumulated	
11 2007 2007 1 rograms 1 crows 1 unusung.	<u>Prior:</u> ()	<u>Beyond:</u> Continuing	<u>Project Cost:</u> Continuing

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering						15,000	\$15,000
Construction						175,000	\$175,000
Contingency						10,000	\$10,000
Totals						\$200,000	\$200,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond						200,000	\$200,000
Pay-As-You-Go							
Other							
Totals						\$200,000	\$200,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Retaining Wall Replacement - Utilities Parking Lot

Project Manager(s): Dwayne Lewis

Description:

Existing Stone/Concrete retaining wall located at the Utilities parking lot (6th and Filmore Streets) will require replacement.

Timetable:

FY 2009

Location:

Retaining wall runs along 6th Street between Floyd and Filmore Streets and continues to 7th Street.

Status of Project Site:

City Owned

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

None anticipated.

	Funding Outside of	Total Accumulated	
FY 2004-2009Program Period Funding:	<u>Prior:</u>	<u>Beyond:</u>	<u>Project Cost:</u> 255.000
	U	U	233,000

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering						30,000	\$30,000
Construction						205,000	\$205,000
Contingency						20,000	\$20,000
Totals						\$255,000	\$255,000

Sources of Funding/Cash Needs

Dources of I analycus	t Ticcus						
Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond							
Pay-As-You-Go						255,000	\$255,000
Other							
Totals						\$255,000	\$255,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Rivermont Avenue Bridge Repairs

Project Manager(s): Tom Wilson

Description:

Rehabilitation maintenance and repairs, including deck repairs and replacement, structural steel cleaning and repainting and miscellaneous sidewalk, median barrier and parapet repairs. Also, there will be several safety additions. These are needed due to deck cracking, delaminations and exposed reinforcing bars and structural steel caused by chloride contamination.

Timetable:

FY 2006 Q3 through FY 2008 Q4: Engineering Service Charges FY 2006 Q4 through FY 2007 Q3: Architect/Engineering Services

FY 2007 Q3 through FY 2008 Q 4: Construction

Location:

Rivermont Avenue spanning Blackwater Creek.

Status of Project Site:

City Owned

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Project will reduce maintenance expenses.

EV 2004 2000 Program Paris J Francis	Funding Outside o	f Program Period	Total Accumulated	
FY 2004-2009 Program Period Funding:	<u>Prior:</u>	Beyond:	<u>Project Cost:</u>	
	0	\$0	\$3,870,000	

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Engineering Charges			5,000	15,000	25,000		\$45,000
Architect/Engineering			145,000	125,000	100,000		\$370,000
Construction				1,430,000	2,025,000		\$3,455,000
Totals			\$150,000	\$1,570,000	\$2,150,000		\$3,870,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total
							Funding
G. O. Bond			150,000	1,570,000	2,150,000		\$3,870,000
Pay-As-You-Go							
Other							
Totals			\$150,000	\$1,570,000	\$2,150,000		\$3,870,000

Sources of Program Funding FY 2004-2009

Local: 100%



Project Title: Street Overlay Program

Project Manager(s): Tom Wilson

Description:

Managed program to overlay and maintain City streets in a safe and acceptable condition for general public use. The City has over 816 lane miles of streets that are inspected yearly in accordance with the Pavement Management Program (PMP).

Timetable:

FY 2004 Q1 through FY 2009 Q4: Engineering Service Charges and Street Improvements

Location:

Various streets within the corporate limits.

Status of Project Site:

City Owned.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Maintenance and operating costs will be reduced.

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
T 1 2004-2009 I Togram I eriou Funding.	<u>Prior:</u>	Beyond:	Project Cost:
	Continuing	Continuing	Continuing

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
Improvements	1,000,000	1,040,000	1,080,000	1,120,000	1,160,000	1,200,000	\$6,600,000
Engineering Charges	10,000	10,400	10,800	11,200	11,600	12,000	\$66,000
Totals	\$1,010,000	\$1,050,400	\$1,090,800	\$1,131,200	\$1,171,600	\$1,212,000	\$6,666,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond							
Pay-As-You-Go							
Other	1,010,000	1,050,400	1,090,800	1,131,200	1,171,600	1,212,000	\$6,666,000
Totals	\$1,010,000	\$1,050,400	\$1,090,800	\$1,131,200	\$1,171,600	\$1,212,000	\$6,666,000

Sources of Program Funding FY 2004-2009

Local:

State/Federal: 100% Highway Maintenance Funds



Project Title: Traffic Signal Replacement

Project Manager(s): Gerry Harter

Description:

This is a new project to replace and upgrade existing traffic signals that do not meet new standards (Replaces one intersection per year).

Timetable:

FY 2004 Q1 through FY 2009 Q4: City Engineering and Construction

Location:

Various intersections according to priority.

Status of Project Site:

City Owned.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Reduction in electrical costs and staff maintenance time.

FY 2004-2009 Program Period Funding:	Funding Outside of	Total Accumulated	
F 1 2004-2009 Frogram Ferioa Funaing:	Prior:	Beyond:	Project Cost:
	Continuing	Continuing	Continuing

Six Year Proposed Funding to be Financed by the City

Activity Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Program Period Estimate
City Engineering	20,000	20,000	20,000	25,000	25,000	25,000	\$135,000
Construction	125,000	130,000	135,000	140,000	145,000	150,000	\$825,000
Totals	\$145,000	\$150,000	\$155,000	\$165,000	\$170,000	\$175,000	\$960,000

Sources of Funding/Cash Needs

Sources of Funding	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G. O. Bond							
Pay-As-You-Go	145,000	150,000	155,000	165,000	170,000	175,000	\$960,000
Other							
Totals	\$145,000	\$150,000	\$155,000	\$165,000	\$170,000	\$175,000	\$960,000

Sources of Program Funding FY 2004-2009

Local: 100%





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